

## INITIAL INFORMATION DATA SHEET

### INVENTOR INFORMATION

Inventor One Given Name:: James P.  
Family Name:: Hoeffler  
Name Suffix::  
Postal Address Line One:: 957 Jasmine Court  
Postal Address Line Two::  
State or Province:: California  
Country:: USA  
Postal or Zip Code:: 92009  
City of Residence:: Carlsbad  
State or Prov. of Residence:: California  
Country of Residence:: USA  
Citizenship Country:: USA

Inventor Two Given Name:: Joseph M.  
Family Name:: Fernandez  
Name Suffix::  
Postal Address Line One:: 3930 SkyLine  
Postal Address Line Two::  
State or Province:: California  
Country:: USA  
Postal or Zip Code:: 92008  
City of Residence:: Carlsbad  
State or Prov. of Residence:: California  
Country of Residence:: USA  
Citizenship Country:: USA

Inventor Three Given Name:: Marc S.  
Family Name:: Nasoff  
Name Suffix::  
Postal Address Line One:: 11734 Mira Lago Way  
Postal Address Line Two::  
State or Province:: California  
Country:: USA  
Postal or Zip Code:: 92131  
City of Residence:: San Diego  
State or Prov. of Residence:: California  
Country of Residence:: USA  
Citizenship Country:: USA

**CORRESPONDENCE ADDRESS:** Gray Cary Ware & Freidenrich LLP  
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**CORRESPONDENCE CUSTOMER NUMBER ::** 28213

#### **APPLICATION INFORMATION**

Title Line One:: MICROARRAYS AND USES THEREFOR

Title Line Two::

Total Drawing Sheets:: 7

Formal Drawings?:: Yes

Application Type:: Utility

Docket Number:: INVIT1100-2

| Table 1. Demographic characteristics of the study population |             |
|--|-------------|
| Age (years)  | 50.0 ± 10.0 |
| Gender (male/female)   | 100/100     |
| Education (years)  | 12.0 ± 2.0  |
| Occupation (white/blue)                                      | 100/100     |
| Marital status (married/divorced)                            | 100/100     |
| Smoking status (smoker/nonsmoker)                            | 100/100     |
| Alcohol consumption (yes/no)                                 | 100/100     |
| Family size (number of children)                             | 2.0 ± 1.0   |
| Health insurance (yes/no)                                    | 100/100     |
| Comorbidities (hypertension/diabetes)                        | 100/100     |
| Medication (yes/no)  | 100/100     |
| Physical activity (yes/no)                                   | 100/100     |
| Stress level (high/low)                                      | 100/100     |
| Sleep quality (good/poor)                                    | 100/100     |
| Work satisfaction (yes/no)                                   | 100/100     |
| Life satisfaction (yes/no)                                   | 100/100     |
| Overall health (good/poor)                                   | 100/100     |
| Quality of life (high/low)                                   | 100/100     |
| Psychological well-being (yes/no)                            | 100/100     |
| Social support (yes/no)                                      | 100/100     |
| Financial stability (yes/no)                                 | 100/100     |
| Environmental factors (yes/no)                               | 100/100     |
| Genetic factors (yes/no)                                     | 100/100     |
| Immune system (strong/weak)                                  | 100/100     |
| Metabolic health (yes/no)                                    | 100/100     |
| Cardiovascular health (yes/no)                               | 100/100     |
| Respiratory health (yes/no)                                  | 100/100     |
| Digestive health (yes/no)                                    | 100/100     |
| Neurological health (yes/no)                                 | 100/100     |
| Musculoskeletal health (yes/no)                              | 100/100     |
| Skin health (yes/no)   | 100/100     |
| Endocrine health (yes/no)                                    | 100/100     |
| Reproductive health (yes/no)                                 | 100/100     |
| Sensory health (yes/no)                                      | 100/100     |
| Immune response (yes/no)                                     | 100/100     |
| Cellular health (yes/no)                                     | 100/100     |
| Molecular health (yes/no)                                    | 100/100     |
| Genomic health (yes/no)                                      | 100/100     |
| Proteomic health (yes/no)                                    | 100/100     |
| Metabolomic health (yes/no)                                  | 100/100     |
| Transcriptomic health (yes/no)                               | 100/100     |
| Epigenetic health (yes/no)                                   | 100/100     |
| Microbiome health (yes/no)                                   | 100/100     |
| Immune system (strong/weak)                                  | 100/100     |
| Metabolic health (yes/no)                                    | 100/100     |
| Cardiovascular health (yes/no)                               | 100/100     |
| Respiratory health (yes/no)                                  | 100/100     |
| Digestive health (yes/no)                                    | 100/100     |
| Neurological health (yes/no)                                 | 100/100     |
| Musculoskeletal health (yes/no)                              | 100/100     |
| Skin health (yes/no)   | 100/100     |
| Endocrine health (yes/no)                                    | 100/100     |
| Reproductive health (yes/no)                                 | 100/100     |
| Sensory health (yes/no)                                      | 100/100     |
| Immune response (yes/no)                                     | 100/100     |
| Cellular health (yes/no)                                     | 100/100     |
| Molecular health (yes/no)                                    | 100/100     |
| Genomic health (yes/no)                                      | 100/100     |
| Proteomic health (yes/no)                                    | 100/100     |
| Metabolomic health (yes/no)                                  | 100/100     |
| Transcriptomic health (yes/no)                               | 100/100     |
| Epigenetic health (yes/no)                                   | 100/100     |
| Microbiome health (yes/no)                                   | 100/100     |

## PRIOR FOREIGN APPLICATIONS

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